

REMARKS

Claims 1-32 are pending in the present application.

The Examiner has required election in the present application between:

Group I, claims 1-3, drawn to a resistance-changing function body including two different materials;

Group II, claim 4, drawn to a memory including the resistance-changing function body of claim 1 and a rectifying function body;

Group III, claim 5, drawn to a memory including the resistance-changing function body of claim 1 and a select transistor;

Group IV, claim 6, drawn to a memory including at least two memory cells including the resistance-changing function body of claim 1 with electrically connected electrodes;

Group V, claim 7, drawn to a memory including at least five memory cells including the resistance-changing function body of claim 1;

Group VI, claim 8, drawn to a memory including at least two memory cells including the resistance-changing function body of claim 1 with the first substance mutually adjacent;

Group VII, claim 9, drawn to a memory including at least two memory cells including the resistance-changing function body of claim 1 and a rectifying function body;

Group VIII, claims 10 and 13-19, drawn to the resistance-changing function body of claim 1 and a third electrode;

Group IX, claim 11, drawn to the resistance-changing function body of claim 1 with varying electrical characteristics;

Group X, claim 12, drawn to the resistance-changing function body of claim 1 with two kinds of particles;

Group XI, claim 20, drawn to a memory including the resistance-changing function body of claim 10 and where the electrodes are diffusion regions;

Group XII, claim 21, drawn to a memory including the resistance-changing function body of claim 10 where the electrodes are conductors;

Group XM, claims 22-23, drawn to a memory including the resistance-changing function body of claim 10 and a fourth electrode;

Group XIV, claims 24-26 and 28, drawn to a method for manufacturing the resistance-changing function body of claim 2;

Group XV, claims 27 and 29, drawn to a memory including the resistance-changing function body of claim 1; and

Group XVI, claims 30-32, drawn to a resistance-changing function body including three different materials.

For the purpose of examination of the present application, Applicants elect, without traverse, Group VI, Claim 8.

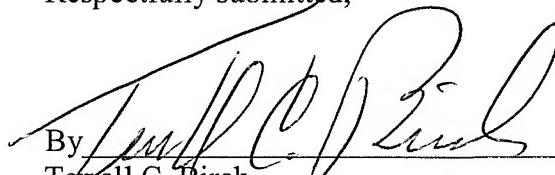
Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Terrell C. Birch, Registration No 19,382 at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

- Attached is a Petition for Extension of Time.
- Attached hereto is the fee transmittal listing the required fees.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Dated: May 16, 2007

Respectfully submitted,

By 
Terrell C. Birch
Registration No.: 19,382
BIRCH, STEWART, KOLASCH & BIRCH, LLP
8110 Gatehouse Road
Suite 100 East
P.O. Box 747
Falls Church, Virginia 22040-0747
(703) 205-8000
Attorney for Applicant